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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9801	713/168 OR 713/176 OR 380/202 OR 380/203 OR 705/75 OR 283/13 OR 382/276 OR 382/277 OR 382/278 OR 382/279 OR 382/280 OR 382/281 OR 382/282 OR 382/283 OR 382/284 OR 382/299 OR 382/301 OR 382/303 OR 382/304 OR 383/305 OR 382/306 OR 382/307 OR 382/308	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/18 19:31
L2	0	1 AND WATERMARK\$3 AND SYNTHESISER AND ARTICULAT\$3 AND WMBWDD\$4 AND AUDIO AND DIGITAL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/18 19:33
L3	0	1 AND WATERMARK\$3 AND ARTICULAT\$3 AND WMBWDD\$4 AND AUDIO AND DIGITAL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/18 19:33
L4	2	1 AND WATERMARK\$3 AND ARTICULAT\$3 AND AUDIO AND DIGITAL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/18 19:33
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L6	365	5 AND PARAMETER\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/18 19:35
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L9	1	7 AND JIANKANG	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/18 19:36
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	IEE Conference Proceeding		An audio watermarking algorithm based on significant component modulation     Yi-Lun Ho; Hsiao-Chuan Wang;				
IEEE STD	IEEE Standard		Consumer Electronics, 2003. ICCE. 2003 IEEE International Conference on 17-19 June 2003 Page(s):212 - 213				
			AbstractPlus   Full Text: PDF(227 KB) IEEE CNF				
			<ol> <li>Digital audio watermarking in the cepstrum domain Sang-Kwang Lee; Yo-Sung Ho; Consumer Electronics, IEEE Transactions on Volume 46, Issue 3, Aug. 2000 Page(s):744 - 750</li> </ol>				
			AbstractPlus   Full Text: PDF(644 KB) IEEE JNL				
			3. Digital audio watermarking in the cepstrum domain Sang-Kwang Lee; Yo-Sung Ho; Consumer Electronics, 2000. ICCE. 2000 Digest of Technical Papers. International Coi 13-15 June 2000 Page(s):334 - 335				
			AbstractPlus   Full Text: PDF(192 KB) IEEE CNF				
			4. What can we reasonably expect from watermarks?  Craver, S.A.; Min Wu; Liu, B.;  Applications of Signal Processing to Audio and Acoustics, 2001 IEEE Workshop on the 21-24 Oct. 2001 Page(s):223 - 226				
			AbstractPlus   Full Text: PDF(391 KB) IEEE CNF				
			<ol> <li>Temporal watermarking invertible only through source separation Berman, G.; Jouny, I.; Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). IEEE Int Conference on Volume 4, 13-17 May 2002 Page(s):IV-3732 - IV-3735 vol.4</li> </ol>				
			AbstractPlus   Full Text: PDF(367 KB) IEEE CNF				
			<ol> <li>Audio quality measurement by using digital watermarking         Libin Cai; Pying Zhao;         Electrical and Computer Engineering, 2004. Canadian Conference on         Volume 2, 2-5 May 2004 Page(s):1159 - 1162 Vol.2</li> </ol>				
			AbstractPlus LFull Text: PDF/346 KB) LEFF CNF				

	7.	Attacks on digital watermarks: classification, estimation based attacks, and bene Voloshynovskiy, S.; Pereira, S.; Pun, T.; Eggers, J.J.; Su, J.K.; Communications Magazine, IEEE Volume 39, Issue 8, Aug. 2001 Page(s):118 - 126
		AbstractPlus   References   Full Text: PDF(2536 KB)   IEEE JNL
	8.	Applying the psychoacoustic audio watermarking technique in Internet digital tramuseum in Vietnam Tran Minh Triet; Duong Anh Due; Security Technology, 2004. 38th Annual 2004 International Carnahan Conference on 11-14 Oct. 2004 Page(s):285 - 288
		AbstractPlus   Full Text: PDF(566 KB)   IEEE CNF
	9.	Secure spread spectrum watermarking for images, audio and video Cox, I.J.; Kilian, J.; Leighton, T.; Shamoon, T.; Image Processing, 1996. Proceedings., International Conference on Volume 3, 16-19 Sept. 1996 Page(s):243 - 246 vol.3
		AbstractPlus   Full Text: PDF(532 KB)   IEEE CNF
	10	Digital watermarks for audio signals Boney, L.; Tewfik, A.H.; Hamdy, K.N.; Multimedia Computing and Systems, 1996., Proceedings of the Third IEEE Internation; 17-23 June 1996 Page(s):473 - 480
		AbstractPlus   Full Text: PDF(744 KB) IEEE CNF
	11	. Media-independent watermarking classification and the need for combining digit audio watermarking for media authentication Dittmann, J.; Mukherjee, A.; Steinebach, M.; Information Technology: Coding and Computing, 2000. Proceedings. International Con 27-29 March 2000 Page(s):62 - 67
		AbstractPlus   Full Text: PDF(60 KB)   IEEE CNF
	12	Inplementation of a real-time audio watermark extractor on ARM940T Mathew, M.; Yoonhark Oh; Jaeyoung Lee; Changhoon Yim; Kilsu Eo; Signals, Circuits and Systems, 2003. SCS 2003. International Symposium on Volume 2, 10-11 July 2003 Page(s):605 - 608 vol.2
		AbstractPlus   Full Text: PDF(347 KB)   IEEE CNF
	13	i. Audio watermarking using time-frequency compression expansion Foo Say Wei; Ho Shuet Mun; Ng Ling Mei; Circuits and Systems, 2004. ISCAS '04. Proceedings of the 2004 International Sympos Volume 3, 23-26 May 2004 Page(s):
<b></b>	14	. Time-spread echo method for digital audio watermarking
	•	Byeong-Seob Ko; Nishimura, R.; Suzuki, Y.; Multimedia, IEEE Transactions on Volume 7, Issue 2, April 2005 Page(s):212 - 221
		AbstractPlus   Full Text: PDF(792 KB)   IEEE JNL
	15	. Quantization index modulation: a class of provably good methods for digital wat information embedding Chen, B.; Wornell, G.W.; Information Theory, IEEE Transactions on Volume 47, Issue 4, May 2001 Page(s):1423 - 1443
		AbstractPlus   References   Full Text: PDF(392 KB)   IEEE JNL

16. Digital watermarking: algorithms and applications Podilchuk, C.I.; Delp, E.J.; Signal Processing Magazine, IEEE Volume 18, Issue 4, July 2001 Page(s):33 - 46
AbstractPlus   References   Full Text: PDF(1180 KB)   IEEE JNL
17. Audio watermarking for copyright protection of digital audio data Jong Won Seok, Jin Woo Hong; Electronics Letters Volume 37, Issue 1, 4 Jan. 2001 Page(s):60 - 61
AbstractPlus   Full Text: PDF(188 KB) IEE JNL
18. A new watermarking method of digital audio content for copyright protection Ye Wang; Signal Processing Proceedings, 1998. ICSP '98. 1998 Fourth International Conference
Volume 2, 12-16 Oct. 1998 Page(s):1420 - 1423 vol.2
AbstractPlus   Full Text: PDF(272 KB) IEEE CNF
19. Techniques for intellectual property protection of DSP designs Hong, I.; Potkonjak, M.; Acoustics, Speech, and Signal Processing, 1998. ICASSP '98. Proceedings of the 199. International Conference on Volume 5, 12-15 May 1998 Page(s):3133 - 3136 vol.5
AbstractPlus   Full Text: PDF(384 KB) IEEE CNF
20. Performance evaluation of digital audio watermarking algorithms Gordy, J.D.; Bruton, L.T.; Circuits and Systems, 2000. Proceedings of the 43rd IEEE Midwest Symposium on Volume 1, 8-11 Aug. 2000 Page(s):456 - 459 vol.1
AbstractPlus   Full Text: PDF(376 KB) IEEE CNF
21. Watermarking for musical pieces indexing used in automatic cue sheet generatic Caccia, G.; Lancini, R.; Ludovico, M.; Mapelli, F.; Tubaro, S.; Multimedia Signal Processing, 2001 IEEE Fourth Workshop on 3-5 Oct. 2001 Page(s):487 - 492
AbstractPlus   Full Text: PDF(377 KB) IEEE CNF
22. 2002 14th International Conference on Digital Signal Processing Proceedings. DS No.02TH8628) Digital Signal Processing, 2002. DSP 2002. 2002 14th International Conference on Volume 1, 1-3 July 2002
AbstractPlus   Full Text: PDF(1386 KB) IEEE CNF
23. Audio digital watermarking based on hybrid spread spectrum  Muntean, T.; Grivel, E.; Najim, M.;  Web Delivering of Music, 2002. WEDELMUSIC 2002. Proceedings. Second Internation 9-11 Dec. 2002 Page(s):150 - 155
AbstractPlus   Full Text: PDF(316 KB) IEEE CNF
24. Blind cepstrum domain audio watermarking based on time energy features Ching-Tang Hsieh; Pei-Ying Sou; Digital Signal Processing, 2002. DSP 2002. 2002 14th International Conference on Volume 2, 1-3 July 2002 Page(s):705 - 708 vol.2
AbstractPlus   Full Text: PDF(320 KB)   IEEE CNF

25. Embedding Indexing information in audio signal using watermarking technique Lancini, R.; Mapelli, F.; Tubaro, S.;

Video/Image Processing and Multimedia Communications 4th EURASIP-IEEE Region Symposium on VIPromCom

16-19 June 2002 Page(s):257 - 261

AbstractPlus | Full Text: PDF(446 KB) IEEE CNF

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Full text available: pdf(427,96 KB) Additional Information: full citation, abstract, references, index terms

November 2004 Proceedings of the 3rd international conference on Information

Changsheng Xu, Yongwei Zhu, David Dagan Feng

Xingming Sun, Gang Luo, Huajun Huang

security

October 2001 Proceedings of the ninth ACM international conference on Multimedia

Full text available: pdf(613.16 KB) Additional Information: full citation, abstract, references, index terms

Fingerprinting intellectual property using constraint-addition Gang Qu, Miodrag Potkonjak June 2000 Proceedings of the 37th conference on Design automation

	Full text available: pdf(123.86 KB) Additional Information: full citation, abstract, references, citings, index terms	
7	Robust FPGA intellectual property protection through multiple small watermarks  John Lach, William H. Mangione-Smith, Miodrag Potkonjak  June 1999 Proceedings of the 36th ACM/IEEE conference on Design automation	
	Full text available: pdf(119.08 KB) Additional Information: full citation, references, citings, index terms	
8	Analysis of watermarking techniques for graph coloring problem  Gang Qu, Miodrag Potkonjak  November 1998 Proceedings of the 1998 IEEE/ACM international conference on	
	Computer-aided design  Full text available: pdf(465.55 KB) Additional Information: full citation, references, citings, index terms	
9	Watermarking techniques for intellectual property protection  A. B. Kahng, J. Lach, W. H. Mangione-Smith, S. Mantik, I. L. Markov, M. Potkonjak, P. Tucker, H. Wang, G. Wolfe	00.0000
	May 1998 Proceedings of the 35th annual conference on Design automation - Volume 00	
	Full text available: pdf(243.93 KB) Additional Information: full citation, abstract, references, citings, index terms	
10	Robust digital watermarking: The digital watermarking container: secure and efficient embedding  Martin Steinebach, Sascha Zmudzinski, Fan Chen September 2004 Proceedings of the 2004 multimedia and security workshop on Multimedia and security  Full text available: pdf(357.96 KB) Additional Information: full citation, abstract, references, index terms	******
11		_
17	Authentication I: Reversible watermarking of 2D-vector data  Michael Voigt, Bian Yang, Christoph Busch September 2004 Proceedings of the 2004 multimedia and security workshop on Multimedia and security  Full text available: pdf(318.74 KB) Additional Information: full citation, abstract, references, index terms	********
12	Multimedia copyright enforcement on the Internet (panel session)	100000
	James M. Burger, Christopher J. Cookson, Darko Kirovski, David P. Maher, Miodrag Potkonjak, Jeremy Welt October 2000 Proceedings of the eighth ACM international conference on Multimedia	
	Full text available: pdf(175.77 KB) Additional Information: full citation, abstract, index terms	
13	Watermarking algorithms: Wavelet-based blind watermarking of 3D models F. Uccheddu, M. Corsini, M. Barni September 2004 Proceedings of the 2004 multimedia and security workshop on Multimedia and security	
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